

Application No. 09/649,436
Amendment dated September 7, 2004
Reply to Office Action mailed March 5, 2004

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A method for real-time distillation of a source document, comprising:
receiving search criteria from a client;
searching at least one source based on the search criteria;
determining search results responsive to said searching;
distilling a selected one of the search results in substantially real time relative to the time of selection, the selected search result having a first content and wherein the distillation comprises the step of extracting content from the first content occurs in accordance with at least one data type criterion selected from a plurality of predefined data type criteria; and
creating a distilled version of the selected search result including the extracted content, wherein the distilled version constitutes a data entity having a predefined format and that is distinct from the search result. ~~contains predefined content from the selected search result in accordance with the selected data type criteria.~~
2. **(Previously Presented)** A method as in claim 1, further comprising the step of creating an index in the distilled version, wherein the index allows selective entry into the content of the corresponding search result.

Claims 3-5 (Cancelled).

6. **(Currently amended)** A method for displaying search results, comprising:
receiving search criteria from a client;
searching at least one source based on the search criteria;

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determining search results responsive to said searching, the search results comprising source documents;
selecting one of the source documents, the selected document having a first content;
at substantially the time of selection, distilling the selected source document into a result object having a predefined format and that is created as a distinct data entity from the selected source document, wherein the result object includes a second content and the second content is derived from the first content in accordance with at least one predefined distillation criterion; and
creating an index from the result object into the selected source document, wherein selection of the index provides a display of a corresponding portion of the first content.

Claims 7-9 (Cancelled)

10. **(Currently amended)** A method for displaying search results, comprising:
receiving search criteria from a client;
searching at least one source based on the search criteria;
determining a plurality of search results responsive to said searching;
distilling a selected one of the search results into a result object, wherein the result object is created as a separate data entity from the selected search result, and comprises content extracted from the selected search result;
creating a mid-menu that corresponds to the result object, the mid-menu comprising a plurality of menu options, each menu option including
at least one result category; and
a content metric, the content metric being a measure of a relative value of the result category; and
displaying the mid-menu.
11. **(Previously Presented)** A method as in claim 10, wherein the content metric comprises a quantitative measure of the relative value of the result category.

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12. **(Previously Presented)** A method as in claim 11, wherein the quantitative measure comprises a number of results for the result category.
13. **(Previously Presented)** A method as in claim 11, wherein the quantitative measure comprises a number of occurrences of pre-specified data.
14. **(Previously Presented)** A method as in claim 10, wherein the content metric comprises a qualitative measure of the relative value of the result category.
15. **(Previously Presented)** A method as in claim 14, wherein the qualitative measure comprises an indicator of the relevance of the results of the result category to the search criteria.
16. **(Previously Presented)** A method as in claim 10, wherein at least one result category comprises a data type.
17. **(Previously Presented)** A method as in claim 10, wherein at least one result category comprises a user-defined type.
18. **(Previously Presented)** A method as in claim 10, additionally comprising determining user preferences, and dynamically creating the mid-menu in accordance with the user preferences.
19. **(Currently amended)** A method for displaying search results, comprising:
receiving search criteria from a client;
searching a plurality of sources based on the search criteria;
determining search results responsive to said searching;

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distilling a selected one of the search results into a result object, wherein the result object is created as a separate data entity from the selected search result, and comprises content extracted from the selected search result;

determining user preferences;

creating a mid-menu in accordance with the user preferences, the mid-menu corresponding to the result object and comprising a plurality of menu options, each menu option including

a result category, each result category having a number of results; and

a content metric for each result category, the content metric being a measure of the value of the result category; and

displaying the mid-menu.

20. **(Previously Presented)** A method as in claim 19, wherein the content metric comprises a quantitative measure for each result category.
21. **(Previously Presented)** A method as in claim 19, wherein the content metric comprises a qualitative measure for each result category.
22. **(Currently amended)** A method for searching, comprising:
receiving search criteria;
searching at least one body of knowledge based on the search criteria;
providing a plurality of search results that are responsive to the searching;
displaying on a display device a list of at least some of the search results, the list comprising:
a separate and unique identifier corresponding to each one of the search results in the list; and
a separate distillation trigger associated with each unique identifier; and
wherein selection by a user of a distillation trigger causes a substantial real-time creation of a distilled version of the search result corresponding to the unique identifier associated with the selected distillation trigger, and wherein the distilled version is

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created as a data entity distinct from the corresponding search result and includes content extracted from the search result.

23. **(Previously Presented)** A method as defined in claim 22, wherein the unique identifier is a URL corresponding to the search result in the list.
24. **(Previously Presented)** A method as defined in claim 22, wherein the unique identifier is a title corresponding to the search result in the list.
25. **(Previously Presented)** A method as defined in claim 22, wherein the unique identifier is an abstract corresponding to the search result in the list.
26. **(Previously Presented)** A method as defined in claim 22, wherein selection by a user of the unique identifier causes a full content version of the corresponding search result to be displayed on the display device.
27. **(Previously Presented)** A method as defined in claim 22, wherein the distilled version includes content extracted from the corresponding search result in accordance with at least one predefined data type.
28. **(Previously Presented)** A method as defined in claim 27, wherein the at least one predefined data type is selected from one of the following data types: a key point; a focus word; a matched-in-context key point; a title; and a URL.
29. **(Previously Presented)** A method as defined in claim 27, wherein the at least one data type provides an index to content of the corresponding search result.
30. **(Previously Presented)** A method as defined in claim 27, further comprising the steps of:

displaying the distilled version on the display device; and

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wherein selection by a user of a predefined data type within the displayed distilled version causes a substantially real time entry into the content of the corresponding search result.

31. **(Previously Presented)** A method as defined in claim 30, further comprising the step of displaying a predefined portion of the content of the search result, wherein the predefined portion is adjacent to the data type selected by the user within the distilled version.

32. **(Previously Presented)** A method as defined in claim 22, further comprising the step of displaying the distilled version on the display device.

33. **(Previously Presented)** A method as defined in claim 22, wherein at least some of the search results are comprised of textual documents.

34. **(Currently amended)** A method for searching, comprising:
receiving search criteria;
searching at least one body of knowledge based on the search criteria;
providing a plurality of search results that are responsive to the searching;
distilling a selected one of the search results into a result object that is created as a data entity having a predefined format and that is distinct from the search result, the result object including content extracted from the selected search result in accordance with a plurality of data type preferences selected from a plurality of predefined data type preference types;
creating a menu corresponding to the result object, the menu including a plurality of menu options, wherein each menu option defines a result category that is descriptive of a predefined portion of the content of the result object; and
graphically displaying the menu on a display device, wherein a user may optionally select any one of the menu options.

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35. **(Previously Presented)** A method as defined in claim 34, wherein at least one result category comprises one of the selected data type preference types used to distill the search result.
36. **(Previously Presented)** A method as defined in claim 34, wherein selection of a menu option causes a corresponding content portion of the result object to be displayed on the display device.
37. **(Previously Presented)** A method as defined in claim 34, wherein selection of a menu option causes a corresponding content portion of the selected search result to be displayed on the display device.
38. **(Previously Presented)** A method as defined in claim 34, further comprising a plurality of content metrics that are associated with a corresponding menu option, wherein each content metric is representative of a value for the result category of the menu option.
39. **(Previously Presented)** A method as defined in claim 38, wherein the value represented by the content metric is a quantitative measure of the corresponding result category.
40. **(Previously Presented)** A method as defined in claim 39, wherein the quantitative measure comprises a number of results for the corresponding result category.
41. **(Previously Presented)** A method as defined in claim 39, wherein the quantitative measure comprises a number of occurrences of a data type specified by the corresponding result category.
42. **(Previously Presented)** A method as defined in claim 38, wherein the value represented by the content metric is a qualitative measure of the corresponding result category.

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43. **(Previously Presented)** A method as defined in claim 42, wherein the qualitative measure is indicative of the degree of relevance of the corresponding result category to the search criteria.
44. **(Previously Presented)** A method for searching, comprising:
receiving search criteria;
searching at least one body of knowledge based on the search criteria;
providing a plurality of search results that are responsive to the searching,
wherein at least one of the search results is a document comprised of text content;
selecting one of the text-content document search results; and
at substantially the time of selection, distilling the selected document, wherein the step of distilling comprises the following steps:
extracting content from the selected document in accordance with a plurality of data type rules;
deriving a plurality of key points from the text content of the selected document, wherein key points are at least partially identified by locating text portions within the document that contain predefined verb types; and
generating a reduced content distilled document that contains at least a portion of the extracted content and at least one of the key points.
45. **(Previously Presented)** A method as defined in claim 44, further comprising the step of displaying the reduced content distilled document on a display device.
46. **(Previously Presented)** A method as defined in claim 44, wherein the step of deriving key points comprises:
segmenting the text content of the selected document into a plurality of separate textual components;
identifying whether verbs are present within the textual components;
comparing identified verbs to a predefined hierarchy of verb sequences; and

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based upon the results of the comparison, identifying which of the identified verbs
are used in identifying key points.